



# SPITA **ResQ-tape**<sup>®</sup> Self-fusing silicone tape

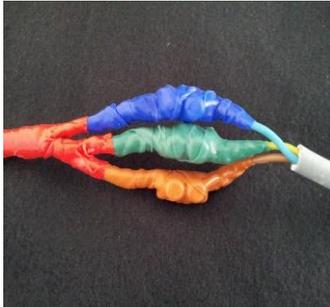
## PROFESSIONAL



**SPITA ResQ-tape Professional** is made of pure silicone and can be widely used as insulation and sealing tape under extreme conditions. The tape only sticks to itself and can be applied onto wet and dirty surfaces. The surface does not need to be dried or cleaned in advance. The tape fuses at lightning speed to a liquid-tight and airtight (permanent) seal up to a maximum of 12 Bar pressure. The tape can even seal leaks in hoses under water! The tape has a dielectric strength of 12 kV, will remain flexible and is easy to remove.

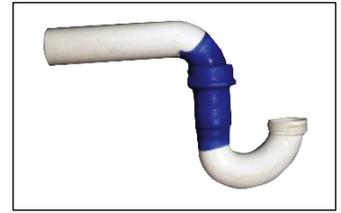
### CONSTRUCTION

Material	100% medical silicone
Liner	Polystyrene
Thickness	0,5 mm
Width	25 mm
Length	3,65 meter
Profile	Rectangular
Available colours	Black, clear, red, blue, orange, white, grey, green & yellow



### User instructions: (see also special instructions in package)

- 1) Begin by peeling liner away from SPITA ResQ-tape.
- 2) Press the tape firmly on object being wrapped, hold in place and begin first wrap completely over itself.
- 3) While holding the tape in place, begin stretching at 300 - 400% it's length and wrap object with 50% overlap to ensure a proper seal.
- 4) To complete wrapping of object, wrap SPITA ResQ-tape completely over previous layer and press firmly.



### SPECIFICATIONS

Property	Test method	Value
Continuous Temperature Range		-75°C to +280°C
Intermittent Temperature Range	(24hrs max)	-90°C to +285°C
Cold Brittle Point Max	ASTM D-2137	-95°C
Water absorption	Fed STD601 Method6251	0,14% max by weight
Tensile strength	ASTM D-412	1431 psi (98 bar)
Elongation	ASTM D-412	422% average
Tear resistance	ASTM D-412	6,02 Bar
Dielectric Strength	ASTM D-412	12 kV per layer
Durometer Hardness		56 Shore A
Fusing time		< 2 seconds
Thickness Tolerance		+/- .05 mm
Width Tolerance		+/- 1,1 mm

### FEATURES

- Heat resistant up to 280° Celsius
- Remains flexible till -90° Celsius
- UV-resistant
- Chemical resistant
- Insulates minimum 12.000 Volt per layer (Class H)
- Pressure resistance 2 Bar per layer (max. 12 Bar)
- Resists fuels, oil, acids, solvents and (road)salt
- Works on every surface without preparation
- Can be applied under water / during heavy rain
- Easy to apply and to remove leaving no residue
- No adhesive – only bonds to itself
- Meets UL 510 requirements
- Exceeds military specification MIL A-A-59163

### STORAGE / HANDLING / SHELF LIFE / LIFE SPAN

Storage	Store in a cool, dry area and keep away from direct sunlight.
Handling	Keep tape roll clean and free of dust, dirt or debris.
Shelf life	> 10 years
Life span	> 25 years (after application)



SPITA Smart Products B.V.  
 Industrieweg 18-9  
 3846 BD HARDERWIJK  
 Tel.: +31 341 414 993  
 e-mail: [sales@spita.eu](mailto:sales@spita.eu)  
[www.resqtape.eu](http://www.resqtape.eu)



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